

# So you think you can use Google, Yahoo, or Bing?

Well I hope you can but we are going to improve what you currently are doing!

Both Day I and II are due complete by beginning of class Tuesday **22<sup>nd</sup> August 2017**

Complete Day I on a blank Word Doc. using Office 365 Browser Based program. Email as a **pdf.** file titled “joeshmoe.day1PX” where X= your period number

On the class website (*auenchemsitry.wikispaces.com* → *Pre AP Chemistry or FWHS web page* *The Cab Way* → *Our Staff* → *William Golden (Website)* → *Pre AP Chem* ) open the pdf. file “Student Login Directions” or read the instructions on how to use Office 365 browser based word.

**Please read one or both of the following article/ web pages regarding search engine use and refinement.** (Ctrl+click on link below)

<http://websearch.about.com/od/dailywebsearchtips/qt/search-engine.htm>

Please read through the following links on the page you have just selected

“How to pick a search engine”

“Top ten Google search tricks”

“Top ten web search tricks”

When you are finished I want you to use what you have learned to find the answers to the following questions.

Please try your best to complete the project on your own

## **Reliability of search results/ sites**

1. Search the following: how to choose a reliable website, pdf

How can your search determine what sites link to a web page?

2. What are three (3) reliable suffixes for a web site?
3. Find meaning of word: “imbroglio”.

Answer:

Search Query:

4. What is fracking?

Answer:

Search Query:

5. Find the location in Arizona that has the record for least rain in a year.

Answer:

Search Query:

6. Find a web page that contains the words “smart phone” and “chemistry”.

Answer:

Search Query:

7. Find a web page that contains the word “fracking” but NOT the word “danger “Answer:

Search Query:

8. What is a definition of scientific notation?

- a. Find two (2) examples of how to add numbers in scientific notation and summarize them in text or equation form.
- b. Find two (2) examples of how to divide out fractions with scientific notation in the numerator and denominator and summarize them in text or equation form.

9. What is dimensional analysis? Read about it and look through practice problems.

- a. Find two (2) examples of dimensional analysis calculation (NOT video based) and write them out.
- b. Using what you have read and the dimensional analysis method, set up and calculate the number of pizzas that are needed to feed 4 family's if:  
$$1 \text{ person} = 0.3 \text{ pizzas}$$
$$2 \text{ family's} = 4.2 \text{ person(s)}$$

10. Find a table/ chart listing the metric system conversions and copy it in to you notes

11. Using what you learned in questions 9 (dimensional analysis) and 10 calculate (do not use a website or browser to convert for you) how many micro grams are in 2.5 kilogram (kg), express in scientific notation?

12. Check your answers to question 11 using Google coveter and/ or a web based converter.

## Day 2: Using Excel make graphs

Before we make a graph (xy scatter, line, bar etc) we need a data set.

Open up excel:

Now you have two choices:

1. Follow the instructions on this link explaining how to graph in excel  
[http://spreadsheets.about.com/od/excelcharts/ss/line\\_graph.htm](http://spreadsheets.about.com/od/excelcharts/ss/line_graph.htm)

**OR**

2. Search for a tutorial on how to graph in excel

Make a data table in excel (hand written data table first is ok) for **one** of the following:

- A. Average monthly temperature for Tucson over a year high and low (2001)
- B. Number of iPhone 7 phones sold per month since its release date
- C. Number of dollars(\$) to a Euro (€) or British Pound (£) per month for the last twenty (20) months

Once you have your data source use the tutorial to start filling in the spread sheet to form a data table.

Now that you have a spread sheet (data table) use the tutorial to make a line graph of your data.

Great! Now label the axis and title the graph.

Save the graph using your name and graph descriptions and period.

Ex: *joeshmoe.weatherPX* where X= your period number save as an excel file or pdf.

Now email it to Mr. Golden (you will have to find his email address, hint school website)

Email needs to include the following –

A subject, (So you think you can google, Last name, PX, where X= your period number)

Who you are writing to,

Use of complete sentences – this is not an IM, Tweet, or SMS message)

Closing with your name

Failure to include all of these with result in a zero and a non-response from Mr. Golden